Warranty Registration System

Help us to serve you better by registering your product for Warranty

Web Register at www.onida.com

Telephone Call Centre No. 0XX-39889000(0XX-STD Code of State Capital)

Post / Visit Post the Warranty Registration Card & Service Centre Copy or Visit the Nearest Service Centre.

As per Government of India's E-Waste (Management and Handling) Rules, 2011(effective from May 1st, 2012) the product purchased by you is to be considered as E-Waste and cannot be disposed off with your general household waste. It should be disposed of through the company's collection center so as to prevent any damage to environment

Collection Center address
Mirc Electronics Ltd.Village Kudus,Bhiwandi Wada road,
Taluka Wada., Dist. Thane - 421312,Tel no. 952525 220375/377
Visit at : www.onida.com for details about collection Centers.

We request you to make a note of the above details and support us in our endeavour to ensure an environmental friendly nation.

ONIDA

MIRC Electronics Ltd.,
Onida House, G-1, MIDC, Mahakali Caves Road, Andheri (East), Mumbai – 400 093

USER MANUAL

Model: INV18SLU-C8/INV18SLU-R8/INV18SLU-S8

ONIDA

AIR CONDITIONERS

The unit displayed is for representational purposes only. Actual unit may vary.

The Onida Ethos

Putting customers at the center of our existence.

ONIDA

IMPORTANT :

- Please read this owner's manual carefully and thoroughly before installing and operating your room air conditioners.
- Please retain this owner's manual for future reference after reading it thoroughly.

Dear customer

Congratulation on buying ONIDA Air Conditioner.

Your Air Conditioner comes with ONIDA Guarantee of Quality as detailed in the manual.

ONIDA takes great pride in providing its customers with state-of-the-art products that adheres to international quality standards.

ONIDA is committed to following quality policy laid by our chairman and managing director Mr. G. L. Mirchandani.

"We are committed to quality and strive for continuous improvement through innovation and human development to give customer better value for money always"

ONIDA stands committed to provide the ultimate customer satisfaction, as nothing brings us greater joy than having satisfied customers of ONIDA.

At ONIDA, feedback and suggestions based on your product usage experience is greatly appreciated.

Please contact to us at response@onida.com

G. Sundar
Chief Executive Officer

ONIDA

The Onida Ethos

Understanding customer lives, dreams and aspirations better than anyone else.

ONIDA

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ONIDA

The Onida Ethos

Delivering products that enrich customer lifestyle reliably, stylishly and thoughtfully.

ONIDA

SALIENT FEATURES

Model Code :**INV18SLU-C8/INV18SLU-R8/INV18SLU-S8**

- **Aesthetics:-**
  a) Unique Sleek Model with High EER

- **Performance:-**
  a) Imported High BTU Tropicalised Compressor
  b) Trapezoidal Inner Grooved Tube
  c) Large L - Shaped Condenser Coil
  d) High RPM Fan Motor with High Static

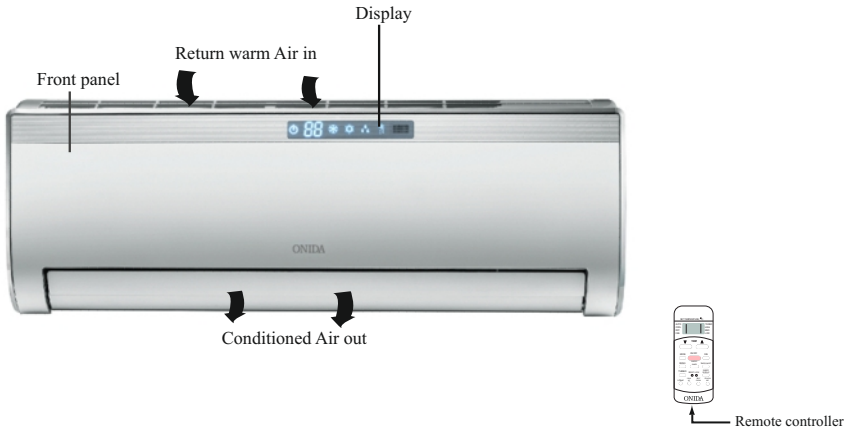
- **Features:-**
  a) Clean Air
  b) Multi-Step Air Swing for Customized Cooling
  c) Surround Air
  d) Turbo

- **Safety & Reliability:-**
  a) Hydrophilic Fins
  b) Full Function LCD Remote
  c) Special Insulation on the Air Vent
  d) 5-Stage Epoxy Polyester Painting

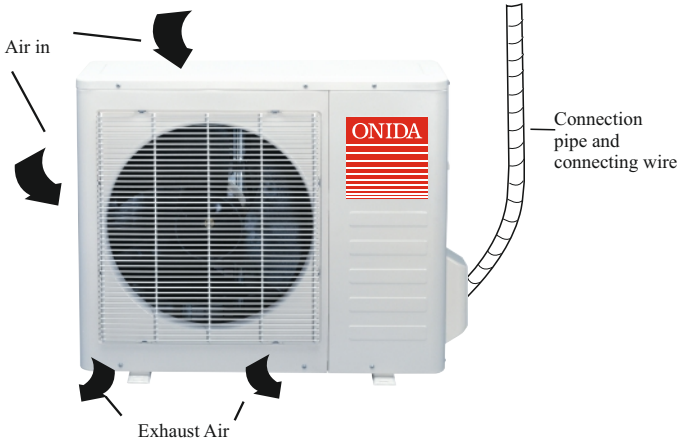
ONIDA

INSIDE OVERVIEW

■ INDOOR UNIT



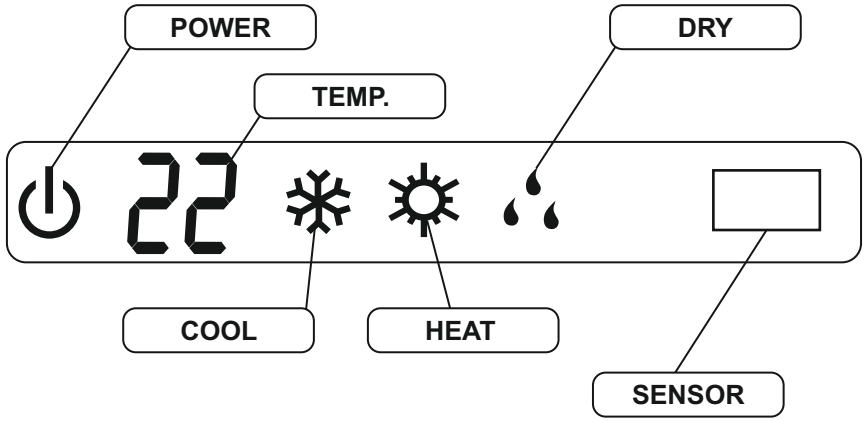
■ OUTDOOR UNIT



INDOOR UNIT DISPLAY

Display on the indoor unit.

For the icon of LED windows, only relevant icons will light up with their displays on.



REMOTE OVERVIEW

Replacement of Batteries

1) Remove the battery cover plate from the rear of the remote controller. (As shown in the figure)

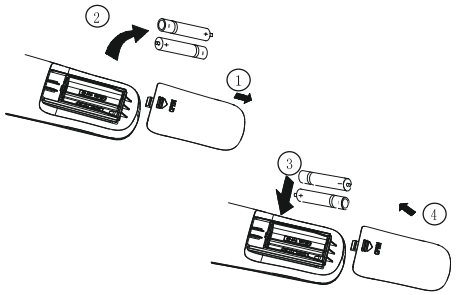
2) Take out the old batteries.

3) Insert two new AAA1.5V dry batteries, and pay attention to the polarity .

4) Reinstall the battery cover plate.

Notes:

- When replacing the batteries, do not use old or different batteries, otherwise, it may cause malfunction.
- If the wireless remote controller will not be used for a long time, please remove batteries to prevent damage from leaking batteries.
- The operation should be performed in its receiving range.
- It should be kept 1m away from the TV set or stereo sound sets.
- If the wireless remote controller does not operate normally, please take the batteries out and reinsert them after 30 seconds. If it still can't operate properly, replace the batteries.



ONIDA

REMOTE OVERVIEW

1) ON/OFF
Press it to start or stop operation.

2) ‘’ - ‘’
Press it to decrease temperature setting.

3) ‘’ + ”
Press it to increase temperature setting.

2) MODE
Press it to select operation mode(AUTO/COOL/DRY/FAN/HEAT)

5) FAN
Press it to set fan speed .

6)SWING
Press it to set up & down swing angle.

7) I FEEL

8)
Press it to set HEALTH or AIR function.

9) SLEEP

10) TEMP

11) QUIET
Press it to set QUIET function.]

12) CLOCK
Press it set clock.

13) T-ON T-OFF
Press it to set auto-off/auto-on timer.

14) TURBO

15) LIGHT
Press it to turn on/off the light.

16) X-FAN

ONIDA

1) ON/OFF
Press this button to turn on the unit. Press this button again to turn off the unit.

2) "—"
Press this button to decrease set temperature. Hold it down for above 2 seconds to rapidly decrease set temperature. In AUTO mode, set temperature is not adjustable.

3)"+"
Press this button to increase set temperature. Hold it down for above 2 seconds to rapidly increase set temperature. In AUTO mode, set temperature is not adjustable.

4) MODE
Each time you press this button,a mode is selected in a sequence that goes from AUTO, COOL, DRY, FAN , and HEAT *, as the following:

**Note: Only for models with heating function.*

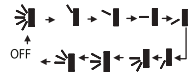
After energization , AUTO mode is defaulted. In AUTO mode, the set temperature will not be displayed on the LCD, and the unit will automatically select the suitable operation mode in accordance with the room temperature to make indoor room comfortable.

5) FAN
This button is used for setting fan speed in the sequence that goes from AUTO , , , to then back to Auto.

Low speed Low-Medium speed Medium speed

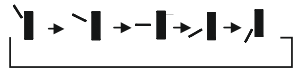
Medium-High speed High speed

6)SWING
- Press this button to set up &down swing angle, which circularly changes as below:



- This remote controller is universal . If any command , or is sent out, the unit will carry out the command as indicates the guide louver swings as

- indicates the guide louver swings as



7) I FEEL
- Press this button to turn on I FEEL function. The unit automatically adjust temperature according to the sensed temperature. Press this button again to cancel I FEEL function.

8) /
Press this button to achieve the on and off of healthy and scavenging functions in operation status.Press this button for the first time to start scavenging function; LCD displays" ". Press the button for the second time to start healthy and scavenging functions simultaneously; LCD displays" " and " " . Press this button for the third time to quit healthy and scavenging functions simultaneously. Press the button for the fourth time to start healthy function; LCD display " ". Press this button again to repeat the operation above.

9) SLEEP
- Press this button, can select Sleep 1 ( ), Sleep 2 ( ),Sleep 3 ( ) and cancel the Sleep,circulate between these, after electrified, Sleep Cancel is defaulted.
- Sleep 1 is Sleep mode 1, in Cool, Dehumidify modes: sleep status after run for one hour, the main unit setting temperature will increase 1°C, setting temperature increased 2°C, the unit will run at this setting temperature; In Heat mode: sleep status after run for one hour, the setting temperature will decrease 1°C, 2 hours, setting temperature will decrease 2°C, then the unit will run at this setting temperature.
- Sleep 2 is sleep mode 2, that is air conditioner will run according to the presetting a group of sleep temperature curve.
- Sleep 3- the sleep curve setting under Sleep mode by DIY:

  (1) Under Sleep 3 mode, press "Turbo" button for a long time, remote control enters into user individuation sleep setting status, at this time, the time of

remote control will display "1hour ", the setting temperature "88" will display the corresponding temperature of last setting sleep curve and blink (The first entering will display according to the initial curve setting value of original factory);
(2) Adjust "**+**" and "**-**" button, could change the corresponding setting temperature, after adjusted, press "Trubo "button for confirmation;
(3) At this time, 1hour will be automatically increased at the timer postion on the remote control, (that are "2hours " or "3hours " or "8hours "), the place of setting temperature "88" will display the corresponding temperature of last setting sleep curve and blink;
(4) Repeat the above step (2) ～(3) operation, until 8hours temperature setting finished, sleep,curve setting finished, at this time, the remote control will resume the original timer display; temperature display will resume to original setting temperature.

- Sleep3- the sleep curve setting under Sleep mode by DIY could be inquired: The user could accord to sleep curve setting method to inquire the presetting sleep curve, enter into user individuation sleep setting status, but do not change the temperature, press "Turbo" button directly for confirmation. Note: In the above presetting or enquiry procedure, if continuously within10s, there is no button pressed, the sleep curve setting status will be automatically quit and resume to display the original displaying. In the presetting or enquiry procedure, press "ON/OFF" button, "Mode" button, "Timer"button or "Sleep" button, the sleep curve setting or enquiry status will quit similarly.

10) TEMP

- Press this button, could select displaying the indoor setting temperature or indoor ambient temperature. When the indoor unit firstly power on it will display the setting temperature, if the temperature's displaying status is changed from other status to" ",displays the ambient temperature, 3s later or within 3s, it receives other remote control signal that will return to display the setting temperature. if the users haven't set up the temperature displaying status, that will display the setting temperature.

11) QUIET

- Press this button, the Quiet status is under the Auto Quiet mode (display "Auto "signal) and Quiet mode (display " " singal) and Quiet OFF (there is no signal of " " displayed),after powered on, the Quiet OFF is defaulted.

12) CLOCK

- Press CLOCK button, blinking . Within 5 seconds, pressing +or - button adjusts the present time. Holding down either button above 2 seconds increases or decreases the time by 1 minute every 0.5 second and then by 10 minutes every 0.5 second. During blinking after setting, press CLOCK button again to confirm the setting, and then will be constantly displayed.

13) T-ON T-OFF

- Press T-ON button to initiate the auto-ON timer. To cancel the auto-timer program, simply press this button again. After press of this button, disappears and "ON "blinks .00:00 is displayed for ON time setting. Within 5 seconds, press + or - button to adjust the time value. Every press of either button changes the time setting by 1 minute. Holding down either button rapidly changes the time setting by 1 minute and then 10 minutes. Within 5 Seconds after setting, press TIMER ON button to confirm. Press T-OFF button to initiate the auto-off timer. To cancel the auto-timer program, simply press the button again.TIMER OFF setting is the same as TIMER ON.

14) TURBO

- Press this button to activate / deactivate the Turbo function which enables th unit to reach the preset temperature in the shortest time. In COOL mode, the unit will blow strong cooling air at super high fan speed. In HEAT mode, the unit will blow strong heating air at super high fan speed.

15) LIGHT

- Press LIGHT button to turn on the display's light and press this button again to turn off the display's light. If the light is turned on , is displayed. If the light is turned off, disappears.

16) X-FAN

- Pressing X-FAN button in COOL or DRY mode, the icon is displayed and the indoor fan will continue operation for 2 minutes in order to dry the indoor unit even though you have turned off the unit.
  After energization, X-FAN OFF is defaulted. X-FAN is not available in AUTO, FAN or HEAT mode.

17)Combination of "+" and "-" buttons: About lock

Press "+ " and "-" buttons simultaneously to lock or unlock the keypad. If the remote controller is locked, 🔒 is displayed. In this case, pressing any button, 🔒 blinks three times.

18) Combination of "MODE " and "-" buttons

About switch between Fahrenheit and centigrade

At unit OFF, press "MODE" and "- " buttons simultaneously to switch between °C and °F

19) Combination of " TEMP " and "CLOCK" buttons

About Energy-saving Function

Press “TEMP” and “CLOCK” simultaneously in COOL mode to start energy-saving function. Nixie tube on the remote controller displays “SE”. Repeat the operation to quit the function

.20) Combination of " TEMP " and "CLOCK" buttons

About 8°C Heating Function

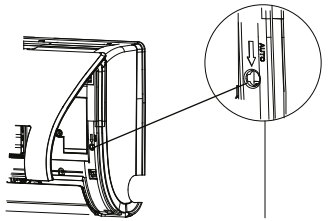
Press “TEMP” and “CLOCK” simultaneously in HEAT mode to start 8°C Heating Function Nixie tube on the remote controller displays “ ⓢ ” and a selected temperature of “ 8°C”. (46°F if Fahrenheit is adopted). Repeat the operation to quit the function.

21)About Back-lighting Function

The unit lights for 4s when energizing for the first time, and 3s for later press.

Emergency operation

If the wireless remote control is lost or broken, please use the manual switch button. At this time, the unit will run at the Auto mode, but the temperature and fan speed cannot be changed. The operation was shown as below:



- Turn on the unit: Press AUTO/STOP button to enter AUTO mode.
- The microprocessor will select the mode (COOL, HEAT, FAN) automatically according to the room temperature for reaching comfortable effect.
- Turn off the unit: Press the AUTO/STOP button to switch off the unit.
- The operation mode is shown in the following table.

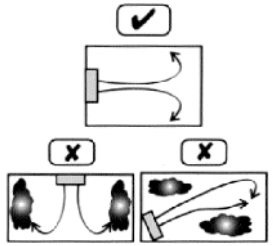
Mode	Model	Temperature setting	Airflow rate
AUTO	COOLING	25℃(COOL,FAN)	AUTO
AUTO	HEAT PUMP	25℃(COOL,FAN)	AUTO
AUTO	HEAT PUMP	20℃(HEAT)	AUTO

- This switch is to be applied when the remote controller is missing.

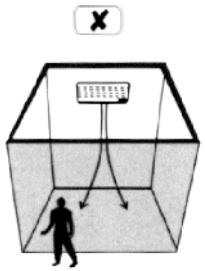
Locating the indoor and outdoor units properly will help optimise the performance of your airconditioner. While your Onida / Dealer's Technician will be happy to guide you on the best location for your airconditioner, here are a few helpful hints.

Locating the Indoor Unit

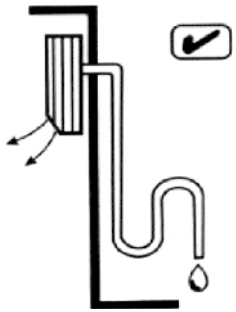
- Locate the IDU for the best cool air circulation. Preferably, there should be no obstructions nearby, as shown in the adjacent figure.



- Do not locate the unit directly opposite a door which is opened frequently. The cold air will go out of the room each time the door is opened, as shown in the adjacent figure.



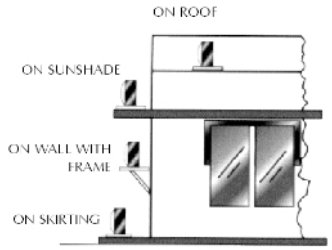
- All indoor units will form condensate water. Please ensure that the condensate can be drained out of the room to a toilet / pantry, etc. The installation engineer will make sure that a "U" bend is provided in the drain to prevent insects from coming into the room through the drain tube, as shown in the adjacent figure.



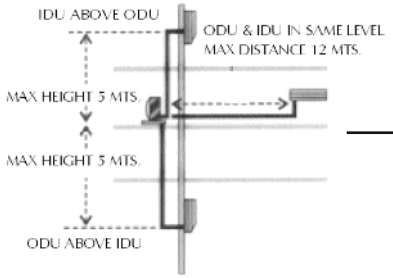
Locating the Outdoor Unit

The outdoor unit houses the compressor, condenser fan and electrical components. The heat removed from the room is expelled to the atmosphere through the outdoor unit.

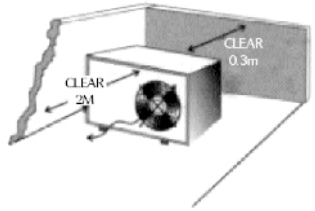
Once again, the Onida / dealer's Technician will ensure optimal installation of the ODU for you. However, the following information will be of interest to you.



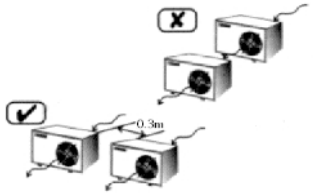
- The Outdoor Unit can be mounted on a wall, sunshade or skirting.



- Ideally, the ODU should not be too far away from the IDU; the recommended distances are marked in the adjacent figure.



- Ensure that air can pass freely through the unit. Please allow at least 2 meters free space on the air outlet side, and 0.3 meters on the air inlet side.



- If more than one ODU is to be installed, they must be properly separated, so that the warm air from the outlet of one does not enter the inlet of the other.

GENERAL INSTRUCTIONS FOR INSTALLATION

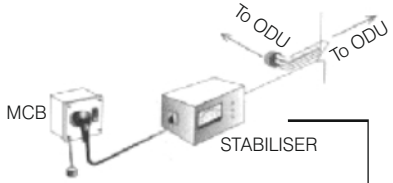
- Avoid long and complicated routing between the IDU and ODU, as shown in the three adjacent figures.
- Too long
- Too high
- Too many bends

- The ODU must be placed on strong frame or support. If mounted on a wall, please ensure that the wall is thick enough and that the frame is supported adequately.
- Finally, it is most important for the ODU to be easily accessible to the service engineer. It is advisable to discuss the same with the engineer before deciding upon the location of the unit.

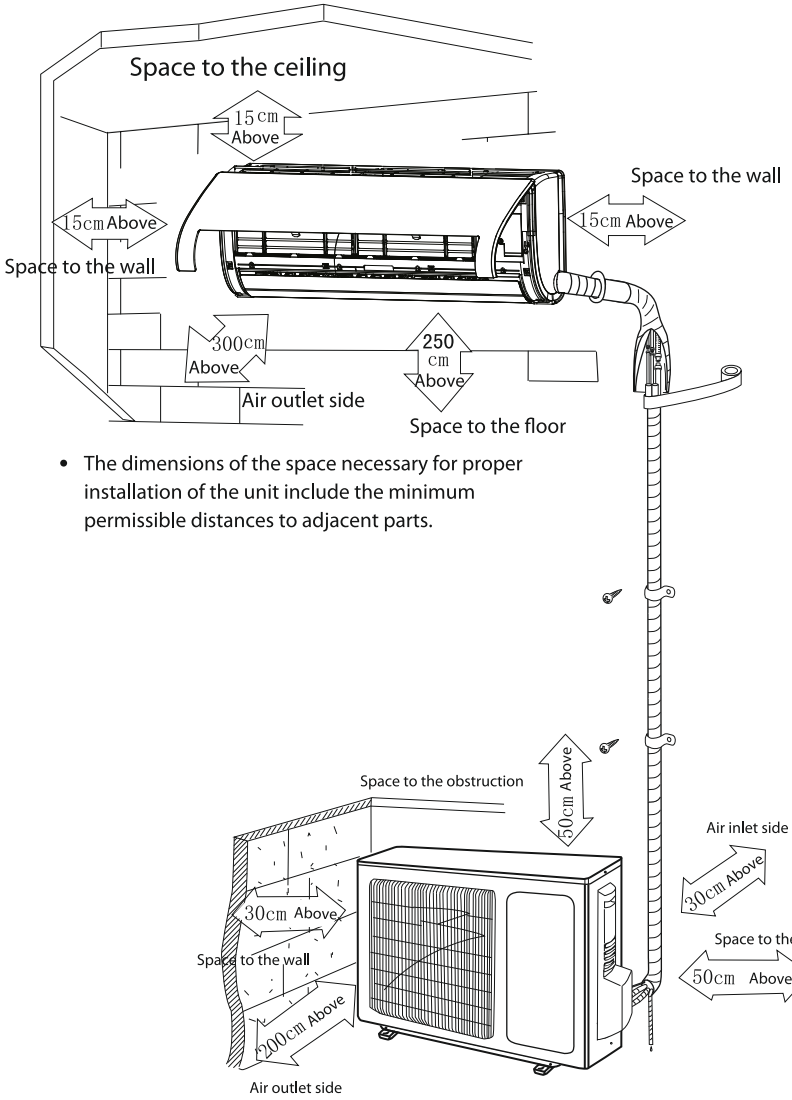
  If the ODU is to be located on a high ledge, adequate space must be provided for the service engineer to service the unit. It is a good idea to provide a catwalk (a platform) around the unit and access door / window to the Unit.

Electrical outlet

After the location of the outdoor unit and indoor unit is finalised, you must provide a suitable electrical outlet near the indoor unit.



INSTALLATION SKETCH



- The dimensions of the space necessary for proper installation of the unit include the minimum permissible distances to adjacent parts.

Installation of Indoor Unit

Installation of Mounting Plate

1) Mounting plate should be installed horizontally. As the water tray's outlet for the indoor unit is two-way type, during installation, the indoor unit should slightly slant to water tray's outlet for smooth drainage of condensate.
2) Fix the mounting plate on the wall with screws.
3) Be sure that the mounting plate has been fixed firmly enough to withstand about 60 kg. Meanwhile, the weight should be evenly shared by each screw.

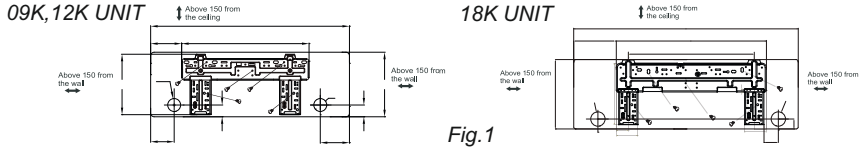
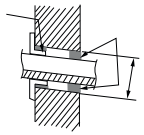

09K,12K UNIT
Above 150 from the ceiling
Above 150 from the wall
Above 150 from the wall
18K UNIT
Above 150 from the ceiling
Above 150 from the wall
Above 150 from the wall

Fig.1

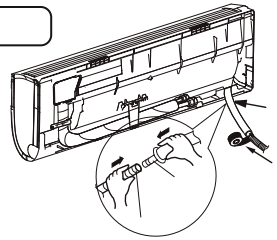
Drill Piping Hole

1) Slant the piping hole (ø55) on the wall slightly downward to the outdoor side.
2) Insert the piping-hole sleeve into the hole to prevent the connection piping and wiring from being damaged when passing through the hole.

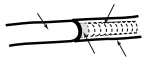


Installation of Drain Hose

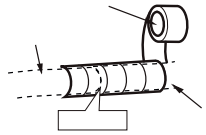
1) Connect the drain hose to the outlet pipe of the indoor unit. Bind the joint with rubber belt.



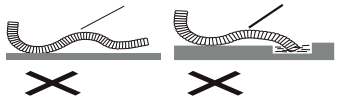
2) Put the drain hose into insulating tube.



3) Wrap the insulating tube with wide rubber belt to prevent the shift of insulating tube. Slant the drain hose downward slightly for smooth drainage of condensate.



Note: The insulating tube should be connected reliably with the sleeve outside the outlet pipe. The drain hose should be slanted downward slightly, without distortion, bulge or fluctuation. Do not put the outlet in the water.



Connecting Indoor and Outdoor Electric Wires

1.Open the front panel.
2.Remove the wiring cover and wire clamp.Make the power connection cord pass through the hole at the back of indoor unit.
3.Connect and fix the power connection cord to the terminal board. (As shown in Fig.2)
4.Fix the power connection cord with wire clamp and reinstall wiring cover.
5.Reinstall the front panel.

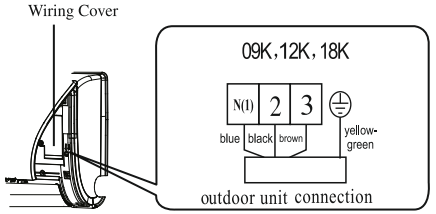


Fig.2

NOTE:
All wires between indoor and outdoor units must be connected by the qualified electric contractor.

- Electric wires must be connected correctly. Improper connection may cause malfunction.
- Tighten the terminal screws securely.
- After tightening the screws, pull the wire slightly to confirm whether it's firm or not.
- Make sure that the electric connections are earthed properly to prevent electric shock.
- Make sure that all wiring connections are secure and the cover plates are reinstalled properly. Poor installation may cause fire or electric shock.

- **The piping can be output from right, right rear, left or left rear.**

1) When routing the piping and wiring from the left or right side of indoor unit, cut off the tailings from the chassis when necessary(As shown in Fig.3)
   A) Cut off tailing 1 when routing the wiring only;
   B)Cut off tailing 1 and tailing 2 when routing both the wiring and piping.
2) Take out the piping from body case; wrap the piping, power cords, drain hose with the tape and then make them pass through the piping hole. (As shown in Fig.4)
3) Hang the mounting slots of the indoor unit on the upper hooks of the mounting plate and check if it is firm enough. (As shown in Fig.5)
4) The installation site should be 250cm or more above the floor.

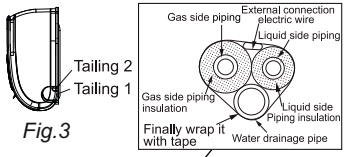


Fig.3

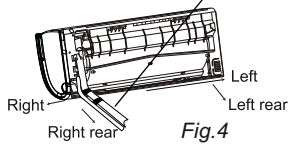


Fig.4

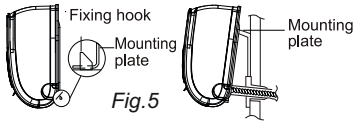


Fig.5

For 09/12K UNIT:

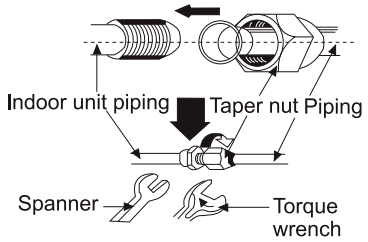
NOTE: Three situations (in front of the unit)

1) Connecting left water outlet of the unit, drain pipe is laid on the left of the unit.
2) Connecting to left or right water outlet, drain pipe is laid on the right of the unit.
3) Connecting right water outlet of the unit, drain pipe goes through hole in the wall behind the indoor unit.

Installation of Connection Pipe

1) Align the center of the pipe flare with the related valve.
2) Screw in the flare nut by hand and then tighten the nut with spanner and torque wrench by referring to the following:

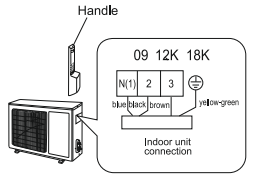
Hex nut diameter	Tightening torque (N•m)
ø6	15~20
ø9.52	30~40
ø12	45~55
ø16	60~65
ø19	70~75



NOTE: Connect the connection pipe to indoor unit at first and then to outdoor unit. Handle pi-ping bending with care. Do not damage the connection pipe. Ensure that the joint nut is tightened firmly, otherwise, it may cause leakage.

Installation of Out door Unit

1) Remove the handle on the right side plate of outdoor unit.
2) Take off wire clamp. Connect and fix power connection cord to the terminal board. Wiring should fit that of indoor unit.
3) Fix the power connection cord with wire clamp.
4) Confirm if the wire has been fixed properly.
5) Reinstall the handle.



NOTE:

- Incorrect wiring may cause malfunction of spare part.
- After the wire has been fixed, ensure there is free space between the connection and fixing places on the lead wire.

Schematic diagram being reference only, please refer to real product for authentic information.

Air Purging and Leakage Test

1) Connect charging hose of manifold valve to charge end of low pressure valve (both high/low pressure valves must be tightly shut).
2) Connect joint of charging hose to vacuum pump.
3) Fully open the handle of Lo manifold valve.
4) Open the vacuum pump for vacuumization. At the beginning, slightly -76cmHg loosen joint nut of low pressure valve to check if there is air coming inside (If noise of vacuum pump has Charging hose been changed, the reading of multi meter is 0). Then tighten the nut.

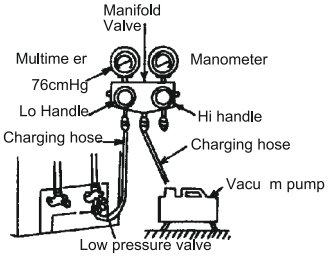


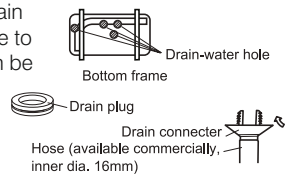
Fig.6

5) Keep vacuuming for more than 15mins and makesure the reading of multi-meter is -1.0 105pa(76cmHg)
6) Fully open high/low pressure valves.
7) Remove charging hose from charging end of low pressure valve.
8) Tighten lid of low pressure valve. (As shown in Fig.6)

Outdoor Condensate Drainage (only for Heat pump unit)

During heating operation, the condensate and defrosting water should be drained out reliably through the drain hose. Install the outdoor drain connector in a Ø 42 hole on the base plate and attach the drain hose to the connector so that the waste water formed in the outdoor unit can be drained out .The hole diameter 42 must be plugged.

Whether to plug other holes will be determined by the dealers according to actual conditions.



⚠ Caution

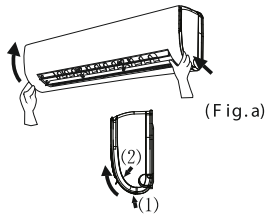
- Disconnect the power supply before cleaning and maintenance.
- Do not splash water on the units for cleaning, as electric shocks may occur.
- Wipe the units with a dry soft cloth, or a cloth slightly moistened with water or cleaner (not with volatile liquid such as thinner or gasoline).

Cleaning the Front Panel

Remove the front panel. Dip a piece of cloth into the water colder than 45 °C and dry it . Then wipe the dirty part of front panel.
Note: Do not immerse the front panel into water so as to protect microprocessor components and circuit diagram on the front panel.

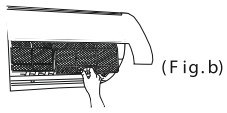
Cleaning the Air Filter (every 3 months)

Note: If the air conditioner operates under dusty environment, the frequency of cleaning air filter shall increase correspondingly. When the filter is removed, do not touch the fins of the indoor unit with fingers for fear of scalding.

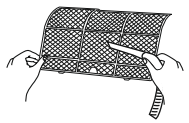


(Fig.a)

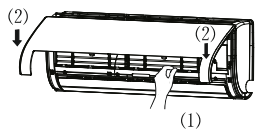
① Take down the air filter
Press the clasp as shown by arrow (1) to loosen the lower end of clasps until a sound of “crack” is heard; press the clasp as shown by arrow (2) to open the upper end of clasp; open the panel and then pull the filter downward to remove it.(As shown in figa and b)


(Fig.b)

② Clean the air filter
Clean the filter with a vacuum cleaner or wash the filter with water. If the filter is very dirty (such as oil stain), please clean it with the mixture of warm water (<45°C) and neutral abluent and then dry it up in the shade.
Note: Never use water above 45°C to clean the air filter as it may cause deformation or discoloration.



③ Reinstall the air filter
Install the air filter along arrow (1) direction and then buckle the panel cover along arrow (2).



Installation and Maintenance for Healthy filter

1) Press the clasp as shown by arrow (1) to loosen the clasps at the lower end until a sound of “crack” is heard; press the clasp as shown by arrow (2) to open the clasps at the upper end; open the panel and then pull the filter downward to remove it. (As shown in fig a)

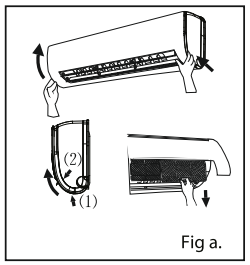


Fig a.

2) Install the healthy filter on the air filter (as shown in fig b). If the healthy filter fails to be installed on the air filter, please install the healthy filter on the front case （As shown in fig c.

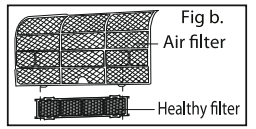


Fig b.

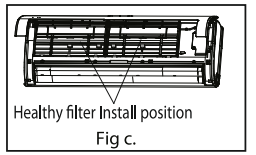


Fig c.

3) Install the air filter along arrow (1) direction and then buckle the panel cover along arrow (2). (As shown in fig d）

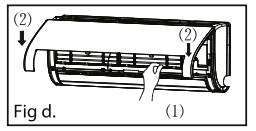


Fig d.

Clean and Maintenance for Healthy Filter

Please remove the healthy filter before cleaning and reinstall it well after cleaning according to the installation instruction. Please note that the silver ion filter shall NOT be washed by water. Active carbon filter, photocatalytic filter, LTC catalyst and formaldehyde-killer filter can be washed by water, but shall not be scrubbed with a brush or hard object. When washing is completed, dry the filter in shade rather than wipe with a rag.

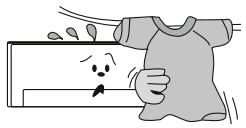
Service Life for Healthy Filter

The general service life for healthy filter is one year under normal operation. As to silver ion filter, it is ineffective when the surface turns black (or green).

- This complementary instruction is only referred for the unit with healthy filter. The graphs in this complementary instruction may be different from the actual product, please refer to the actual product. Please refer to the actual delivery for the quantity of healthy filter.

TAKE CARE OF YOUR AIR CONDITIONER

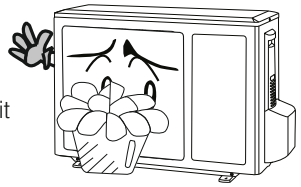
Check before Use



1) Make sure that nothing obstructs the air inlet and air outlet of indoor and outdoor units.

2) Make sure there is effective grounding.

3)Make sure the batteries for remote controller are replaced.



4) Make sure the installation support for outdoor unit is in good condition. If it's damaged, please contact ONIDA appointed maintenance center. If there is rust on the outdoor unit, please apply some paint to the rusty spot to avoid spreading. BE CAREFUL when painting!

Maintenance after Use

1) Disconnect the power for the air conditioner.
2) Clean the filter and the body of indoor and outdoor units.
3) Remove the dust and other objects on the outdoor unit.
4) Make sure the installation support for outdoor unit is in good condition. If it's damaged, please contact ONIDA appointed maintenance center. If there is rust on the outdoor unit, please apply some paint to the rusty spot to avoid spreading. BE CAREFUL when painting.
5) Indoor and outdoor units can be wrapped by special protective bags to avoid rain and dust getting into the units to erode them.

PRECAUTIONS TO BE TAKEN

Do's (√)

- Seal all air gaps in the room
- Choose the right temperature to avoid over cooling
- Ventilate the room regularly.
- Switch off the power supply if not in use for long.
- Unplug the unit while cleaning.

Don't's (X)

- Don't leave the doors and windows open when the air conditioner is on.
- Don't use hot water to clean your front grill
- Don't use scouring powder, harsh soaps, wax or polish on the grill.
- Don't switch on the air conditioner immediately after switching it off. Wait for 2 minutes.
- Don't operate with a clogged filter
- Don't block air intake & outlet vents
- Don't change setting unnecessarily.

TROUBLE SHOOTING CHART

Caution

The air conditioner is not expected to be serviced by users. Incorrect repair may cause electric shock or fire, so please contact an authorized service center for professional service. The following checks prior to contact may save your time and money.

Phenomenon	Troubleshooting
The unit does not operate:	• The unit does not operate if it is turned on immediately after being turned off. This is to protect the unit. You are expected to wait for about 3 minutes.
Odours are emitted:	• Some odours may be emitted from the indoor unit. This is the result of room smells (such as furniture, tobacco, etc.) which have been taken into the air conditioner. • Consult authorized service center for cleaning if the odours still exist.
"Water flowing" noise:	• The swishing noise like water flowing is the sound of refrigerant flowing inside the unit.
Mist is emitted in COOL mode	• During cooling operation, a thin mist may be seen emitted from the indoor unit due to high room temperature and humidity. After a period of time, the mist will disappear with the decrease of room temperature and humidity.
Cracking noise:	• This is the sound of friction caused by expansion and/or contraction of panel or other parts due to the change of temperature.
The unit can not be started up:	• Is the power cut off? • Is the power plug loose? (If applicable) • Is the circuit protection device tripped off? • Is voltage higher or lower? (Tested by professionals) • Is the TIMER correctly used?

TROUBLE SHOOTING CHART

Phenomenon	Troubleshooting
Cooling/Heating effect is poor:	• Is temperature setting appropriate? • Is the inlet or outlet blocked? • Is the filter dirty? • Is the window or the door open? • Is low fan speed set? • Are there heat sources in the room?
Remote controller is not available:	• Check if there is magnetic or electrical interference near the unit that may affecting operation of the controller. In this case, pull the plug out and reinsert it. • Is the remote controller within its operating range or obstructed? Check the condition of the batteries and replace them if necessary. • Check if the remote controller is damaged.
Water leakage of indoor unit :	• The humidity is high. • Condensate overflows. • Drain hose is loose.
Water leakage of outdoor unit :	• During cooling operation, condensate is generated around the pipes and connection joints. • During defrosting operation, the thaw water flows out. • During heating operation, the water on the heat exchanger drips out.
Noise from indoor unit.	• The noise emitted when the fan or compressor relay is switching on or off. • When the defrosting operation is started or stopped, there is a sound of refrigerant flowing in the reverse direction.

TROUBLE SHOOTING CHART

Phenomenon	Troubleshooting
Indoor unit cannot deliver air.	• 4 In DRY mode, the indoor fan will stop blowing air for 3-12 minutes in order to avoid condensate being vaporised again.
Moisture on air outlet vent.	• If unit is running under the high humidity for a long time, the moisture will be condensed on the air outlet grill and drip off.
C5: Malfunction of connector jumper:	• Check if the connector jumper contacts properly. If the PCB is to be replaced, please take off the old for the new PCB.
F1: Malfunction of indoor ambient temperature sensor	• Check if indoor room temperature sensor is connected properly.
F2: Malfunction of evaporator temperature sensor	• Check if the evaporator temperature is connected properly.

Immediately stop all operations and plug out, contact the dealer in following situations.

There is harsh sound during operation. The terrible odors emitted during operation. Water is leaking in the room. Air switch or protection switch often breaks. Carelessy splash water or something into unit. There is an abnormal heat in power supply cord and power plug.

▶ Stop running and pull out of the plug.

INSTALLATION & SATISFACTION REPORT

Customer Name :_____

Address _____

_____

Phone[O]_____ [R] _____

Unit Model	Unit Serial Number	Dealer Name

Invoice Number	Date of Purchase	Date of Installation

MCB Rating		Current (Amps.)	
Cable Size		Ambient Temp. (^{o}C)	
Earthing		Room Temp. (^{o}C)	
Stabiliser		Grill Temp. (^{o}C)	
Input Voltage		Remote Operation	

Customer's Response : To be filled up by the Customer

1. Installation completed within:
   12hrs( ), 24 hrs( ) , 36 hrs ( ), more than 36 hrs ( )
2. How did you find the behavior of the Engineer :
   Excellent (☺), Good (😐), Not satisfied (☹)
3. Overall rating of the service:
   Excellent (☺), Good (😐), Not satisfied (☹)
4. Suggestion if any:

Job Number	Engineer's Signature	Customer's Signature

WARRANTY TERMS AND CONDITIONS

M/S. MIRC ELECTRONICS LTD, WARRANTS THIS ONIDA AIR CONDITIONER[(except the front grill, knobs, remote unit and add-on plastic parts) TO THE ORIGINAL PURCHASER TO BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP WITHIN ONE YEAR FROM THE DATE OF PURCHASE AS PROVIDED IN THE WARRANTY REGISTERATION CARD.

WARRANTY FOR COMPRESSOR:

MIRC ELCTRONICS LTD, HEREAFTER WARRANTS TO THE PURCHASER OF THIS ONIDA AIR CONDITIONER THAT FOR A PERIOD OF 12 MONTHS FROM THE DATE OF INVOICE .

WE WILL REPAIR/REPLACE THE COMPRESSOR WHICH PROVES UPON INSPECTION BY US OR ANY OF OUR AUTHORISED SALES DEALERS TO HAVE BEEN DEFECTIVE DUE TO MANUFACTURING DEFECT.

This warranty is subject to terms and conditions as mentioned below:

1. This warranty shall be valid only for the said period of 12 months as specified above, irrespective of whether the said unit has been in use or not for any reason whatsoever, or the unit is moved from one location to another. Warranty does not cover accessories external to the equipment.
2. The warranty period specified above shall include time taken for repairs, replacements, break-downs, transit time etc. No notice of expiry period of warranty will be given by the company.
3. This warranty shall stand automatically terminated in the event of the said unit being serviced, repaired, installed, de-installed, re-installed or otherwise attended to by any person or organization or agency or by the said purchaser himself other than the authorized representative of the company.
4. Parts of the unit replaced or repaired under the terms of this warranty are warranted only for the remaining period of the original warranty period.
5. For attending any service call under this warranty beyond the municipal limits of the locality in which the authorized representative/dealer is situated (outstation locations), all to and fro travelling and other incidental expenses as prevailing from time to time incurred in connection with the visit of the service personnel, technicians, etc shall be borne by the said purchaser and shall be payable in advance. Additionally, all expenses incurred by the authorized representative /dealer in collecting the said unit or any part thereof from such outstation locations and its return to the original location shall be borne by the said purchaser.
6. Any loss of refrigerant caused due to sabotage, improper handling or treatment , carelessness, accident, fire, flood earthquake or any natural calamity any corrosive action on the original refrigerant pipes, fittings, valves etc for whatever reasons, shall not be covered under this warranty.
7. In the event of any change in the location of the unit during the warranty period, this warranty shall become null and void unless the fact of the proposed change is communicated in writing to the authorized dealer at least seven (7) days prior to the said change. On receipt of such information the authorized dealer or any of its counterparts shall arrange for de-installation of the said unit on chargeable basis. However, in the event of any damage occuring to the unit or to any of its parts during the course of its transit by the said purchaser, repair or replacement, the said unit or any part thereof damaged shall not be covered by this warranty.

8. It shall be the absolute discretion of the company to a) effect the repairs or replacement of parts whether at the site of installation or at any service centre, and b) have the job attended to either by the Company's service personnel or its authorised dealer
9. This warranty is in the nature of and for the purpose of set forth herein above and in particular the Company shall not in any event be liable for direct, indirect, incidental or consequential loss or damages to either the said purchaser and /or his property or any other third party.
10. The AC is designed to operate at a range (230V +/- 10%). Any failure due to operation of the machine beyond these limits will not be covered by the above warranty.

    Customer shall ensure that a stabilizer is installed in those areas where voltage is not available within the warranty range (230V +/- 10%). The stabilizer should be of any reputed manufacturer, tested and recommended by the Company.
11. The purchaser should preserve the original invoice for necessary verification and produce, as and when required.
12. Warranty null and void if:
    i. The Air Conditioner is not purchased from the authorized dealers of the company.
    ii. The Service Centre copy of warranty card is not received within 10days of date of purchase at the nearest Authorised Service Centre.
    iii. Any damage is caused by accident, mishandling, tampering with installation, or negligence in following instructions of the user manual issued by Company.
    iv. Any damage is caused by improper electrical circuit outside the unit or by any defective electrical supply
    v. At any time, during the warranty period if any part of the unit is tampered with, altered, repaired or serviced by any unauthorized person, not being the authorized representative of the company or its authorized dealers
    vi. The serail number of the unit or any part thereof is damaged , defaced, altered, obliterated , or tampered with or removal for any reason whatsoever
    viii. The unit is unauthorisedly moved from its original place of installation or re-installation
13. None of the employees and /or Authorized Dealers of the Company have any authority whatsoever to vary the terms and conditions of this warranty.
14. This warranty shall be deemed to have been issued at Mumbai, state of Maharashtra and courts at Mumbai shall have exclusive jurisdiction on matters covered by or following from this warranty, and the original purchaser alone shall have cause of action arising out of the transaction.

Preventive Maintenance Service

ONIDA

Customer Identification Number: _____

Unit Model: _____

Sr. No: _____

Name of Serviceman: _____

Date: _____ Time: _____

Sign. of Serviceman

Preventive Maintenance Service 1 Date: _____

Customer Identification Number: _____

Name of the customer: _____

Installation address: _____

_____

_____

Phone: _____ Mobile: _____ Fax: _____

E-mail: _____

Unit model: _____ Serial Number: _____

Service report number: _____

Customer's Signature: _____ Name: _____

Preventive Maintenance Service

ONIDA

Customer Identification Number: _____

Unit Model: _____

Sr. No: _____

Name of Serviceman: _____

Date: _____ Time: _____

Sign. of Serviceman

Preventive Maintenance Service 2 Date: _____

Customer Identification Number: _____

Name of the customer: _____

Installation address: _____

_____

_____

Phone: _____ Mobile: _____ Fax: _____

E-mail: _____

Unit model: _____ Serial Number: _____

Service report number: _____

Customer's Signature: _____ Name: _____

MIRC Electronics Limited

Serial No.

Warranty Card

ONIDA

Customer Copy

Customer Details

Title: Mr ☐ Ms ☐ Mrs ☐ M/s ☐

Name:

Residence Address:

Dist: Pin:

State: Occupation:

Tel:(____) Code Res:(____) Code Fax:

Mobile No: Email:

Product Details

Please Tick The Appropriate Product Colour TV ☐ B&W TV ☐ DVD ☐ Washing M/C. ☐ AC ☐ Plasma TV ☐ Rear Projection TV ☐ Microwave Oven ☐ LCD TV ☐

Model No:

Serial No

Please Refer Sticker On Back Cover Of Your Product

Purchase Date Day Month Year

Bill No.

Dealer's Name & Address

Signature

I Accept The Terms And Conditions of The Warranty

Customer Signature

Thank you for selecting a World Class product and we assure you that it will perform as per your expectations

We thank you for taking your time to complete this form. All Information Provided by You will be Kept Confidential.

(Please Fill In, Tear off, Fold and Mail this form to Reach us within 10 days of the Product Purchase.)

We welcome your Valuable Suggestions, if any, to Improve our Products and Services :

FOR OFFICE USE ONLY

Customer Code:

Branch:

Mirc Electronics Ltd.

Note: Company Will Not Be Responsible For The Loss Of This Form During Transit.

For Other Details on Our Products & Services Log On To www.onida.com

MIRC Electronics Limited

Warranty Card

ONIDA

Serial No.

Service Centre Copy

Customer Details

Title: Mr ☐ Ms ☐ Mrs ☐ M/s ☐

Name:

Residence Address:

Dist: Pin:

State: Occupation:

Tel:(____) Code Res:(____) Code Fax:

Mobile No: Email:

Product Details

Please Tick The Appropriate Product Colour TV ☐ B&W TV ☐ DVD ☐ Washing M/C. ☐ AC ☐ Plasma TV ☐ Rear Projection TV ☐

Microwave Oven ☐ LCD TV ☐

Model No:

Serial No

Please Refer Sticker On Back Cover Of Your Product

Purchase Date Day Month Year

Bill No.

Dealer's Name & Address

Signature

I Accept The Terms And Conditions of The Warranty

Customer Signature

Thank you for selecting a World Class product and we assure you that it will perform as per your expectations

We thank you for taking your time to complete this form. All Information Provided by You will be Kept Confidential.

(Please Fill In, Tear off, Fold and Mail this form to Reach us within 10 days of the Product Purchase.)

We welcome your Valuable Suggestions, if any, to Improve our Products and Services :

FOR OFFICE USE ONLY

Customer Code:

Branch:

Mirc Electronics Ltd.

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